

# **NCDOT Prioritization 3.0 Project Summary**

**SPOT ID:** H142010 Mode: Highway Status: Submitted

# US-64, NC-18, NC-90 (Wilkesboro Blvd., Wilkesboro Blvd.)

Specific Improvement Type: 10 - Improve Intersection From/Cross Street: US 64/NC 90 (Taylorsville Road)

To: **Project Category: Regional Impact** 

Length: 0.5 TIP#:

#### Fully Funded in Draft STIP? No

Cost to NCDOT: \$233,000

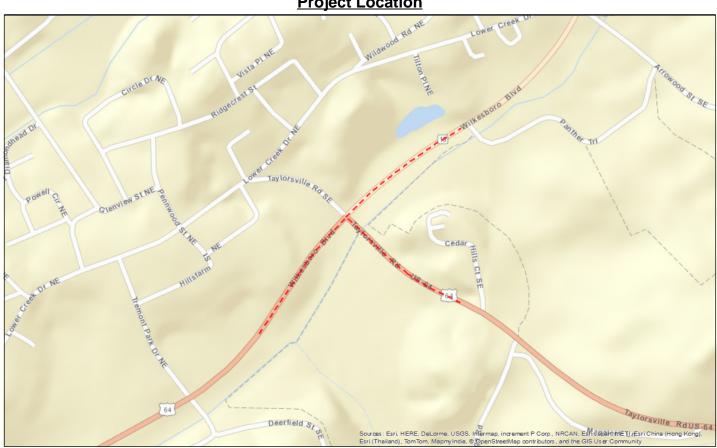
## **Description:**

Widen culvert and lengthen turn lanes to accommodate current traffic and traffic from proposed new middle school.

Division(s): Division 11 County(s): CALDWELL

MPOS(s)/RPO(s): Greater Hickory MPO

# **Project Location**



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# **Statewide Mobility Total Score: 0**

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
	N/A	N/A
Totals: Weight: 0% Weighted Score: 0		

## **Regional Impact Total Score: 46.95**

Quantitative Score		Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (25%) Safety (10%) [Travel Time] Benefit/Cost (25%) Accessibility / Connectivity (10%)  Totals: Weight: 70% Weighted Score	30.92 66.70 2.17 20.11	Percent: 15% Points: 100	Percent: 15% Points: 100

## **Division Needs Total Score: 38.29**

	Division Engineer Local Input Points	MPO/RPO Local Input Points
30.92 66.70 2.17	Percent: 25% Points: 100	Percent: 25% Points: 0
	66.70	30.92 Percent: 25% Points: 100 2.17

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## **Project Data** \*

#### **Existing Conditions**

#### **Existing Cross-Section:** Speed Limit: 42 0.5 Length (miles); Arterial Facility Type: Access Control: None Functional Classification: Other Principal Arterial Terrain Type: Rolling Lane Width: 12 Paved Shoulder Width: Roadway has Curb & Gutter? No Volume (AADT): 20112.52 Capacity: 52757.71 Volume/Capacity Ratio: 0.38 % Autos: 89% % Trucks: 11% Truck Volume: 2253.99 0 Crash Density: 0 Crash Severity: 0 Critical Crash Rate: Crash Frequency: 66.7

66.7

No

19

53 30.03

1.5

**TWLTL** 

Severity Index:

Route?

County Tier Designation:

Non-Interstate STRAHNET

Average Commuting Time:

Existing Median Type (for

Pavement Condition Rating:

**Actual Congested Speed:** 

Cost Estimation):

Travel Time Index:

#### **Project Benefits**

Project Cross-Section:	
Speed Limit:	45
Length (miles):	0.5
Facility Type:	Arterial
Access Control:	None
Functional Classification:	Other Principal Arterial
TerrainType:	Rolling
DOT Design Lane Width:	12
DOT Design Paved Shoulder Width:	4
Travel Time Savings for 30 Years (Total):	22000
Travel Time Savings for 30 Years (Autos):	19534.48
Travel Time Savings for 30 Years (Trucks):	2465.52
Long-Term Employment:	
% Change in Economy:	
Provides Direct Connection to Transportation Terminal?	No
Does project upgrade how the roadway functions?	No
In CTP or LRTP?	No
CTP/LRTP Name:	
CTP/LRTP Completion Year:	
Submitted by:	Division 11

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<sup>\*</sup> Data reflects calculations which include weighted averages (where applicable) and represent raw output from the Department's SPOT Online tool and associated databases.

# **Project Ownership**

### **Division**

Division	Percent	Regional Impact	Division Needs
Division 11	100%	100	100
	0%	0	0
	0%	0	0
TOTAL Division Points		100	100

#### MPO/RPO

MPO/RPO	Percent	Regional Impact	Division Needs
Greater Hickory MPO	100%	100	0
	0%	0	0
	0%	0	0
TOTAL MPO/RPO Points		100	0

# **Project Cost and Source**

Construction Cost:	\$188,000	Cost Estimation Tool
Right-of-Way Cost:	\$45,000	Cost Estimation Tool
Utilities Cost:	\$0	Cost Estimation Tool
Total Project Cost:	\$233,000	
Other Funding:	\$0	None
Cost to NCDOT :	\$233,000	

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